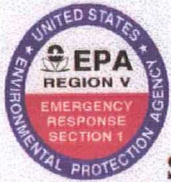




503926

MichCon Station H Site
July 1998

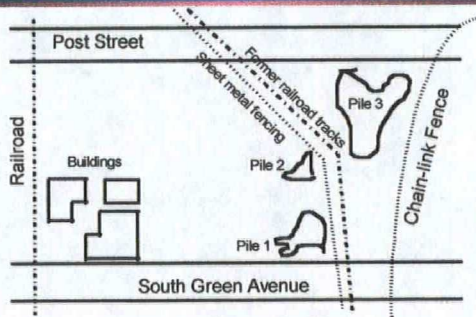


**Superfund Division
Emergency Response Branch**

Detroit, Michigan



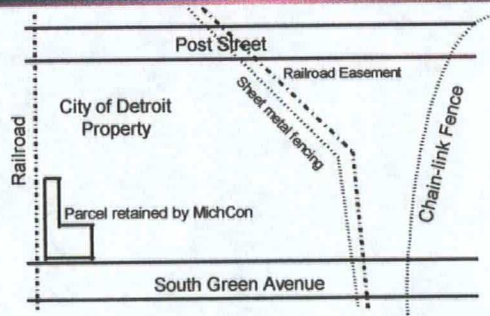
Site Map



201 S. Green Avenue



Parcel Ownership



Site Background

- MichCon (formerly the Detroit City Gas Company) operated from 1913 to 1945. A majority of the site was then sold to the American Charcoal Company (ACC).
- A portion of the site was retained by MichCon in the eastern section of the site.
- ACC sold the site in 1976 to A and A Scrap Iron Metal Company who operated there until 1995.
- A railroad easement formerly operated by the Chesapeake and Ohio Railway and currently of unknown ownership is situated on the southwest side of the site.
- A majority of the site was passed from the State of Michigan to the City of Detroit for tax reversion.

MichCon Station H



Manhole located along the northeast fence line

Previous Investigations

- MichCon performed a site investigation in August 1984. Elevated levels of lead were found in the soil and elevated cyanide, cadmium, chromium, lead, and nickel were found in the groundwater.
- Debris and drums covered much of the ground surface at the site during the U.S. EPA site assessment visits in February 1998.
- Soil piles were present which clearly contained an unknown number of additional drums.

MichCon Station H Site Features



Pile 1

February 3, 1998

Soil piles at the site are observed to contain debris and drums



Pile 2

MichCon Station H Site Features (cont.)

February 3, 1998

Pile 3



Capacitors documented on the ground near pile 3. Stained soil was present below one capacitor. Analytical results indicate PCB concentrations of 100,000 ppm (capacitor).

Site Activities

- Removal and disposal of drums in on-site building by MDEQ (November 10, 1997)
- Removal of non-hazardous (household) debris and tires by the City of Detroit, Department of Public Works (DPW) (March 30-31, 1998)
- Removal of asbestos-containing material by the City of Detroit DPW contractor (May 28-29, 1998)
- U.S. EPA surface removal (June 8 - 30, 1998)

Actions Taken During U.S. EPA Removal

- Drums staged, sampled and disposed
- Compressed gas cylinders staged and disposed

Actions Taken During U.S. EPA Removal (cont.)

- Tires and other debris removed by City DPW crews
- Surface soil was analyzed for PCBs
- A 7' chain link fence with warning signs was erected around the site

PCB Removal

- TSCA regulations require a cleanup standard of 25 ppm for a restricted access area with no residential or commercial businesses within 100 meters of the source area
- A grid was laid out at the site (30'x30' squares) and samples were collected to characterize the soil



PCB Removal (cont.)

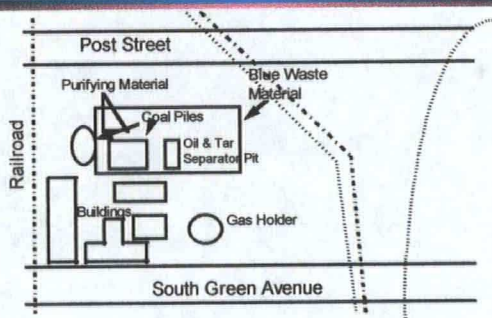
- Areas with PCB-contaminated soil above 25 ppm were excavated until concentrations were below 25 ppm
- Contaminated soils were removed off-site for secure disposal (Wayne Disposal)
- Post sampling of excavated areas to confirm attainment of action levels



Scheduled Activities

- The City of Detroit will demolish the building by June 30, 1998
- U.S. EPA will complete surface removal activities by June 30, 1998

Current Situation



Current Situation (cont.)

- Findings by the consultant retained by MichCon in August 1984 indicate elevated levels of lead in the soil and cyanide, cadmium, chromium, lead, and nickel in the groundwater.

Current Situation (cont.)

- Blue-colored waste was discovered near the site surface during U.S. EPA's surface removal. Waste appears to be gas plant waste material.



Current Situation (cont.)



Concrete foundations are present near the blue-colored waste.

Black, tar-like material is dispersed throughout the site.



Future Work

- Site security
- Characterization of surface and subsurface
- EE/CA
- Implement selected EE/CA remedy

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 200 million to 400 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

2

100

• • •

1 1 -

MichCon Station H Site
July 1998



**Superfund Division
Emergency Response Branch**